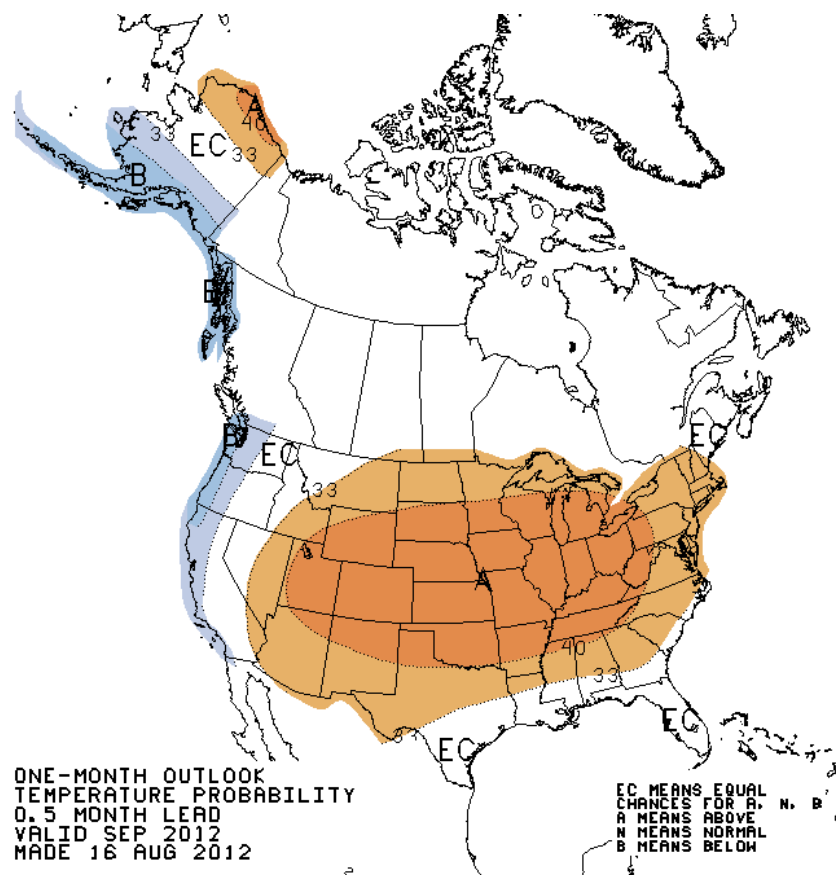


North Central United States September & September-October-November 2012 Climate Prediction Center (CPC) Climate Outlook and Summary

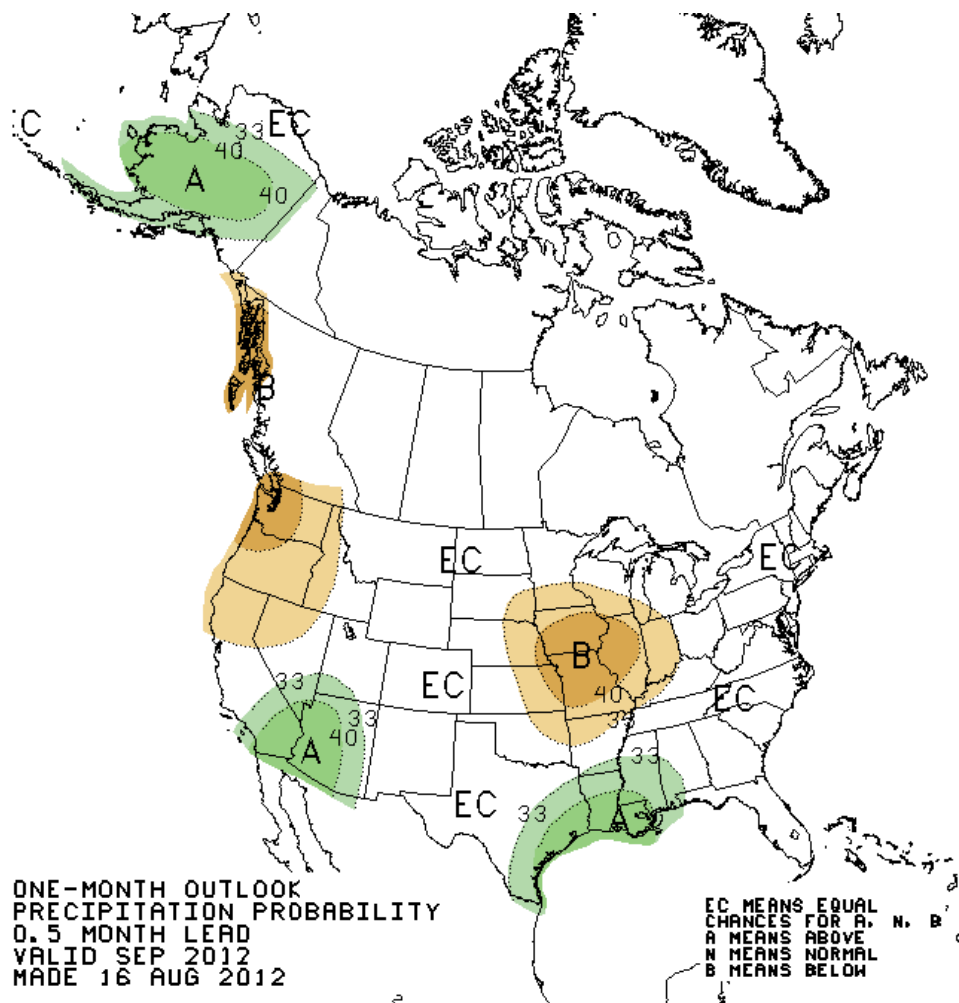
September Temperature Outlook:

The entire North Central United States has a higher than usual chance of above-normal temperatures for September. The best chance of warmer than normal temperatures will exist through South Dakota, southern Minnesota, Nebraska and Iowa, with a greater than 40% chance of temperatures above-normal relative climatology (as well as a 33% chance of near-normal temperatures and a 17% to 27% of below-normal temperatures). To the north of this area, the remainder of the region will have a 33% to 40% chance of temperatures above-normal (and a 33% chance of near-normal, and a 27% to 33% chance of below-normal temperatures relative to climatology).



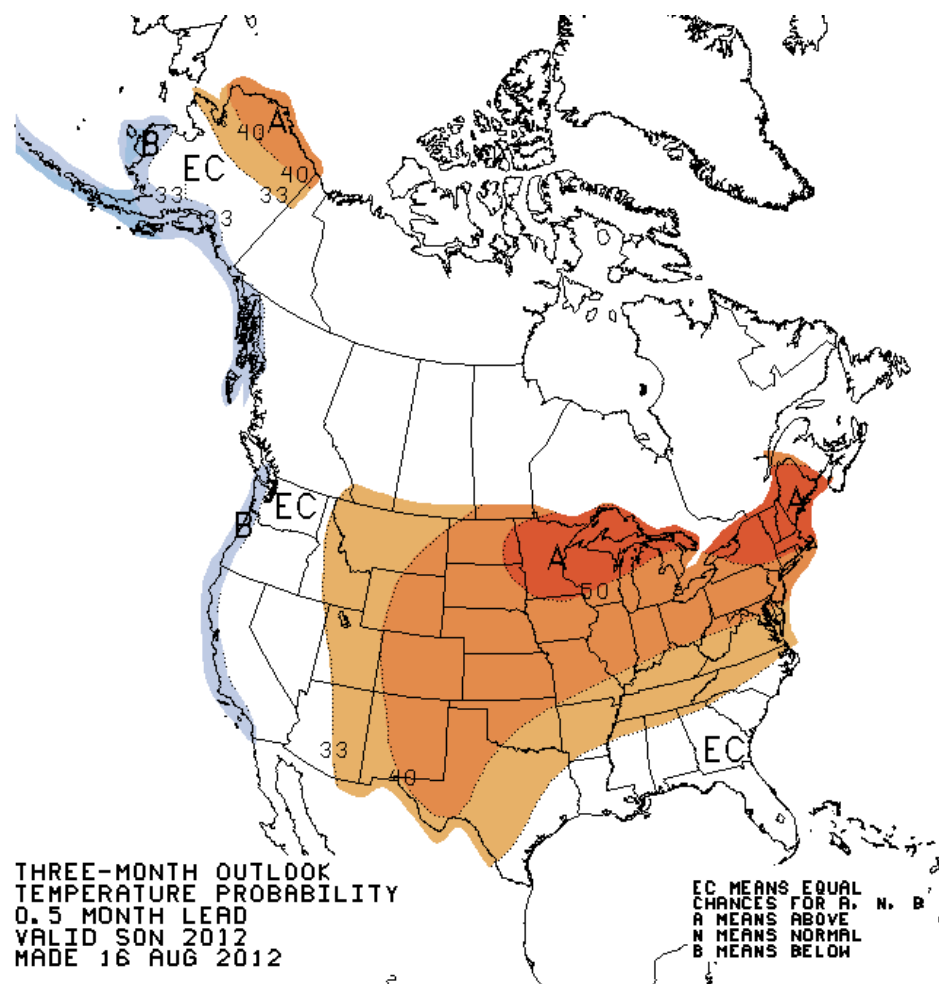
September Precipitation Outlook:

For the month of September, about half of the North Central U.S. will have equal chances of any of the three categories; i.e. a 33% chance of above-normal precipitation, a 33% chance of near-normal precipitation, and a 33% chance of below-normal precipitation. However, a chance for drier than normal conditions will be found over the eastern portions of the Dakotas and Nebraska, southern Minnesota and northern Iowa, with a 33% to 40% chance of below-normal precipitation relative to climatology (and a 33% chance of near-normal precipitation, and a 27% to 33% chance of wetter than normal conditions). Far southeastern Nebraska and southern Iowa will have an even greater chance of drier conditions, with a 40% chance or greater of drier than normal conditions (as well as a 33% chance of near-normal precipitation and a 17% to 27% chance of above-normal precipitation for the period).



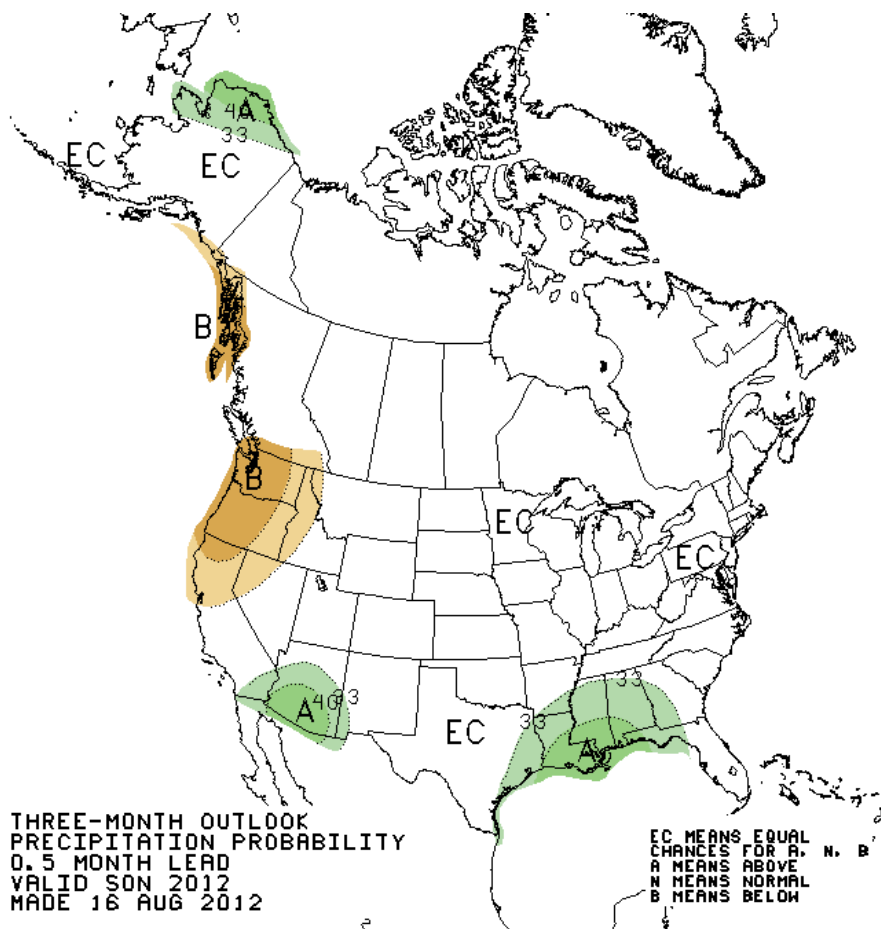
September - November Temperature Outlook:

The entire region is expected to be warmer than normal for the autumn months. The best chance of above-normal temperatures relative to climatology will occur over the extreme eastern portions of the Dakotas, and over Minnesota, where there will be a 50% chance or greater of above-normal temperatures for September through November (with a 33% chance of near-normal temperatures, and a 7% to 17% chance of below-normal temperatures). To the south and west of this area, there is a 40% to 50% chance of above-normal temperatures for the period over the remainder of the Dakotas, Nebraska and Iowa (with a 33% chance of near-normal temperatures, and a 17% to 27% chance of below-normal temperatures relative to climatology).



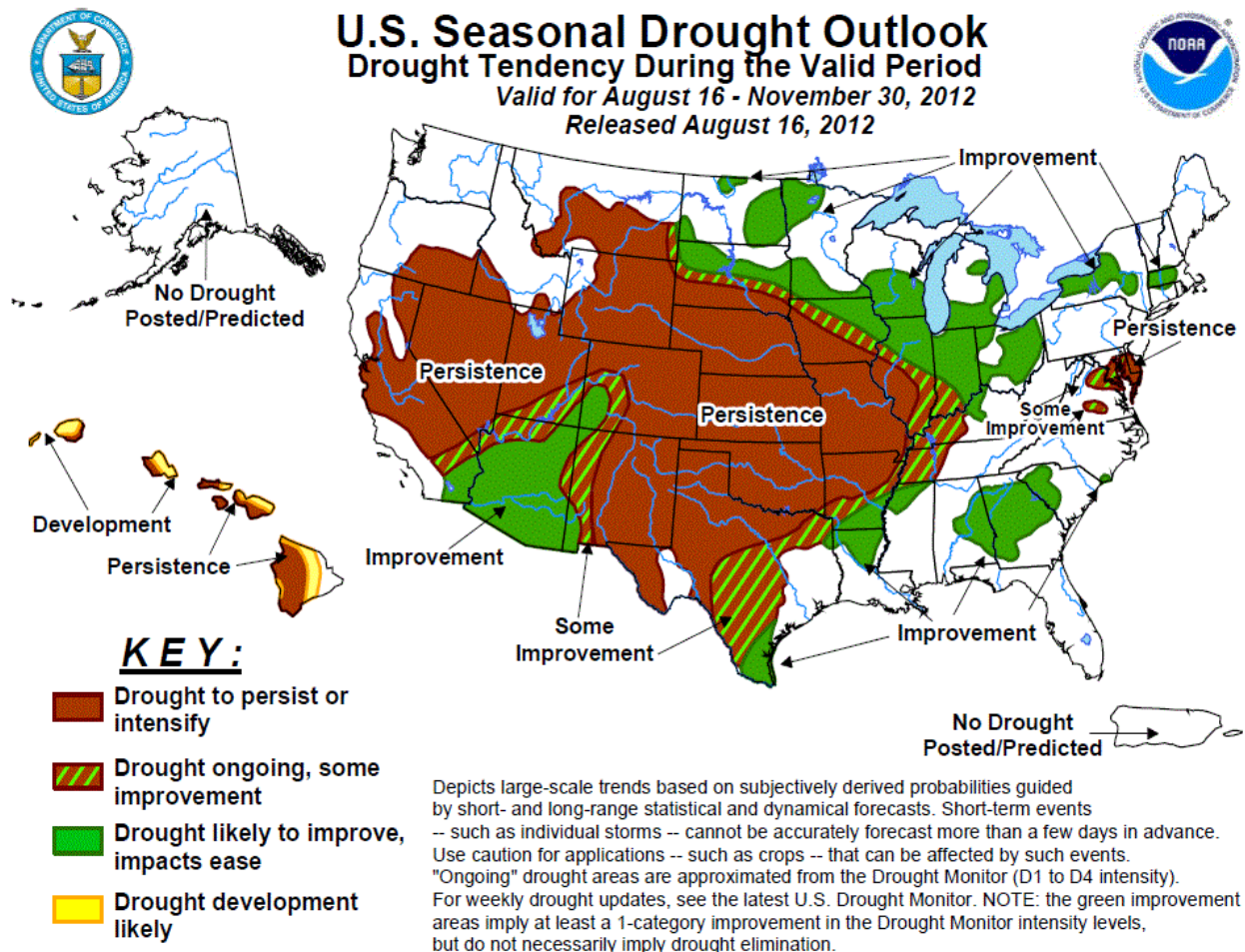
September – November Precipitation Outlook:

The entire North Central United States will have equal chances of above-normal (33%), near-normal (33%), or below-normal (33%) precipitation for September through November, with no strong climate signal preferring one category over another.



Seasonal Drought Outlook

The most recent Seasonal Drought Outlook indicates that the drought will persist or intensify over southern South Dakota, Nebraska, and southeastern Iowa, while the remainder of the region which is experiencing drought conditions will see improvement into November.



Seasonal Outlook Interpretation Guide

The outlooks indicate probability of being in three specific categories in reference to the 30-year climatology from 1981-2010:

Temperature		Precipitation	
Social Science	Climate Science	Social Science	Climate Science
Uncommonly Cold	Below Normal Tercile	Uncommonly Wet	Above Normal Tercile
Uncommonly Warm	Above Normal Tercile	Uncommonly Dry	Below Normal Tercile
Moderate (Neither Warm Nor Cold)	Normal Tercile	Moderate (Neither Wet nor Dry)	Normal Tercile

The National Weather Service Seasonal Climate Outlooks predict the probability of conditions being among the warmest/coldest or wettest/driest terciles of years compared to the period of 1981-2010:

Precip	Temp	Probability of Occurrence			Most likely category
		Above	Near	Below	
		80.0%-90.0%	16.7%-06.7%	03.3%	"Above"
		70.0%-80.0%	26.7%-16.7%	03.3%	"Above"
		60.0%-70.0%	33.3%-26.7%	06.7%-03.3%	"Above"
		50.0%-60.0%	33.3%	16.7%-06.7%	"Above"
		40.0%-50.0%	33.3%	26.7%-16.7%	"Above"
		33.3%-40.0%	33.3%	33.3%-26.7%	"Above"
		33.3%-30.0%	33.3%-40.0%	33.3%-30.0%	"Near Normal"
		30.0%-25.0%	40.0%-50.0%	30.0%-25.0%	"Near Normal"
		33.3%-26.7%	33.3%	33.3%-40.0%	"Below"
		26.7%-16.7%	33.3%	40.0%-50.0%	"Below"
		16.7%-06.7%	33.3%	50.0%-60.0%	"Below"
		06.7%-03.3%	33.3%-26.7%	60.0%-70.0%	"Below"
		03.3%	26.7%-16.7%	70.0%-80.0%	"Below"
		03.3%	16.7%-06.7%	80.0%-90.0%	"Below"
		33.3%	33.3%	33.3%	"Equal Chances"

